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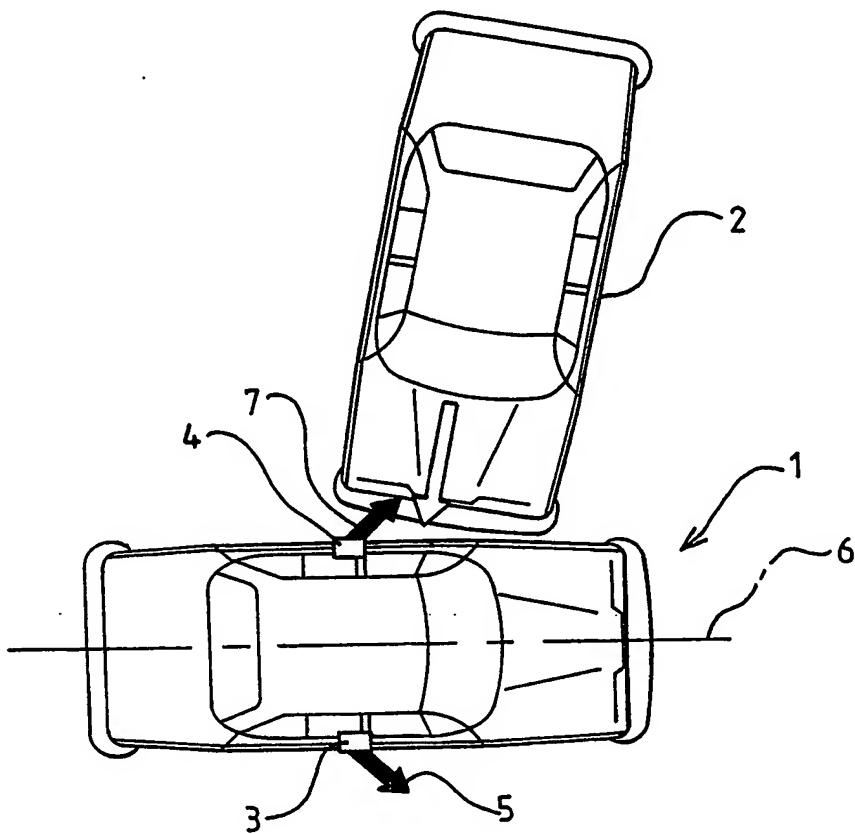
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(54) Title: **A CRASH DETECTION SYSTEM**



(57) Abstract: A crash sensor arrangement for a motor vehicle is disclosed. The crash sensor arrangement includes a first set of sensor (3, 4) comprising a respective sensor on each side of the vehicle. Each sensor (3, 4) is an accelerometer and has a predetermined sensing axis (5, 7). Each sensor (3, 4) is mounted on the vehicle (1) close to the outer skin of the vehicle and at a first longitudinal position such that the sensing axis (5, 7) of each sensor (3, 4) makes a predetermined angle to the longitudinal axis (6) of the vehicle (1). The predetermined angle is between 30° and 60°, or between -30° and -60°. The sensing axes (5, 6) are mirror symmetrical to each other relative to the longitudinal axis (6) of the vehicle (1), so that at said first longitudinal position, there are only said two respective sensors (3, 4), the sensing axes of the two sensor extending in different directions.



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